Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013191.D
Acq On : 17 Dec 2020 18:13
Operator : CG/JU
Sample : L5053-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**

Quant Time: Dec 18 03:05:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.346 | 152 | 657 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.137 | 136 | 1822 | 0.40 | ng | # 0.03 |
| 13) Acenaphthene-d10 | 14.016 | 164 | 1206 | 0.40 | ng | 0.01 |
| 19) Phenanthrene-d10 | 16.788 | 188 | 2632 | 0.40 | ng | # 0.01 |
| 29) Chrysene-d12 | 21.016 | 240 | 2701 | 0.40 | ng | # 0.01 |
| 36) Perylene-d12 | 23.102 | 264 | 3054 | 0.40 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 4.978 | 112 | 211 | 0.08 | ng | 0.00 |
| 5) Phenol-d6 | 6.549 | 99 | 113 | 0.04 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.579 | 82 | 365 | 0.19 | ng | 0.06 |
| 11) 2-Methylnaphthalene-d10 | 11.746 | 152 | 688 | 0.21 | ng | 0.02 |
| 14) 2,4,6-Tribromophenol | 15.552 | 330 | 167 | 0.22 | ng | 0.01 |
| 15) 2-Fluorobiphenyl | 12.633 | 172 | 1133 | 0.22 | ng | 0.00 |
| 27) Fluoranthene-d10 | 18.831 | 212 | 2870 | 0.33 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.442 | 244 | 2501 | 0.36 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.925 | 88 | 6243 | 5.45 | ng | 97 |
| 20) 4,6-Dinitro-2-methylph... | 15.272 | 198 | 2 | 0.19 | ng | # 1 |
| 21) 4-Bromophenyl-phenylether | 16.033 | 248 | 134 | 0.26 | ng | # 78 |
| 23) Atrazine | 16.021 | 200 | 202 | 0.13 | ng | # 3 |
| 34) Bis(2-ethylhexyl)phtha... | 20.931 | 149 | 491 | Below Cal | | 98 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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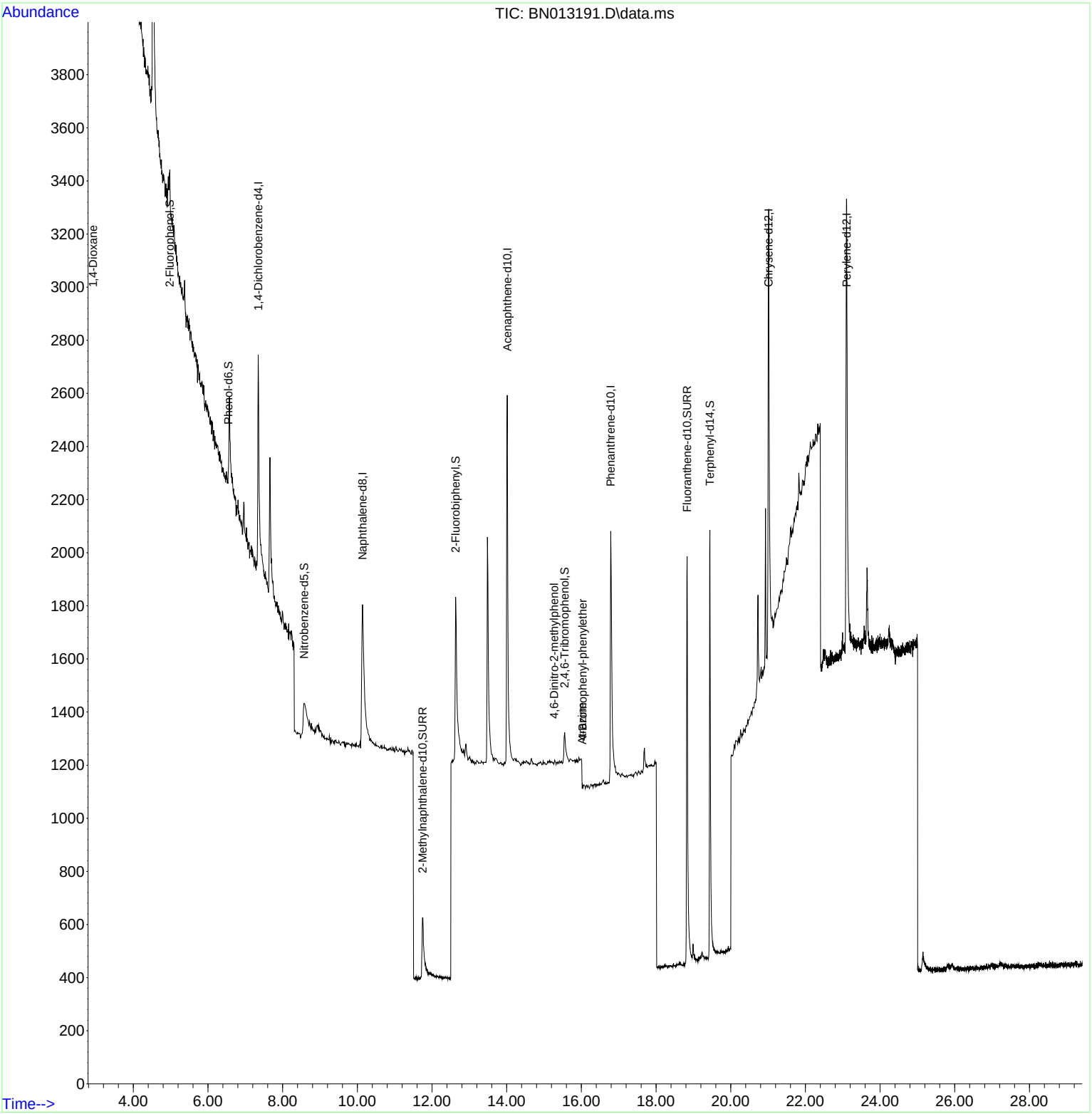
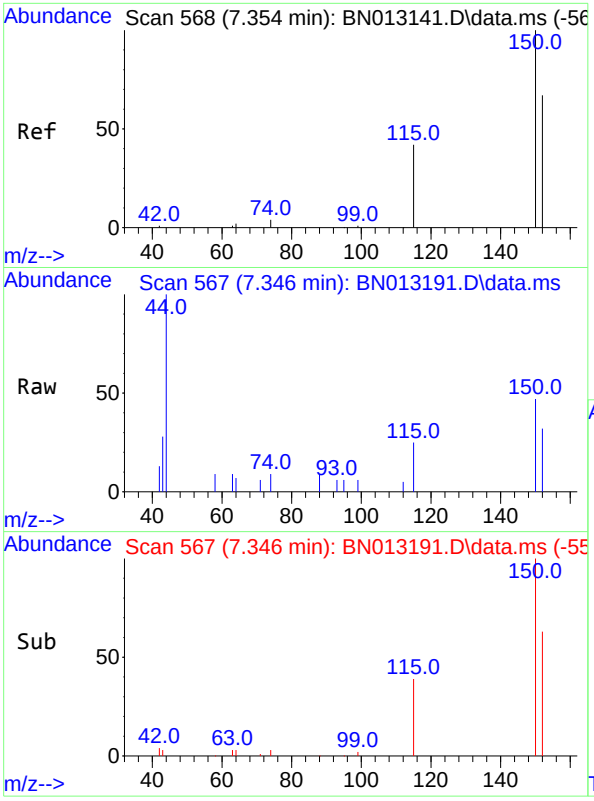
Sample : L5053-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**

Quant Time: Dec 18 03:05:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

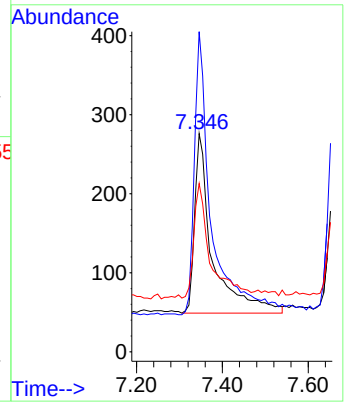




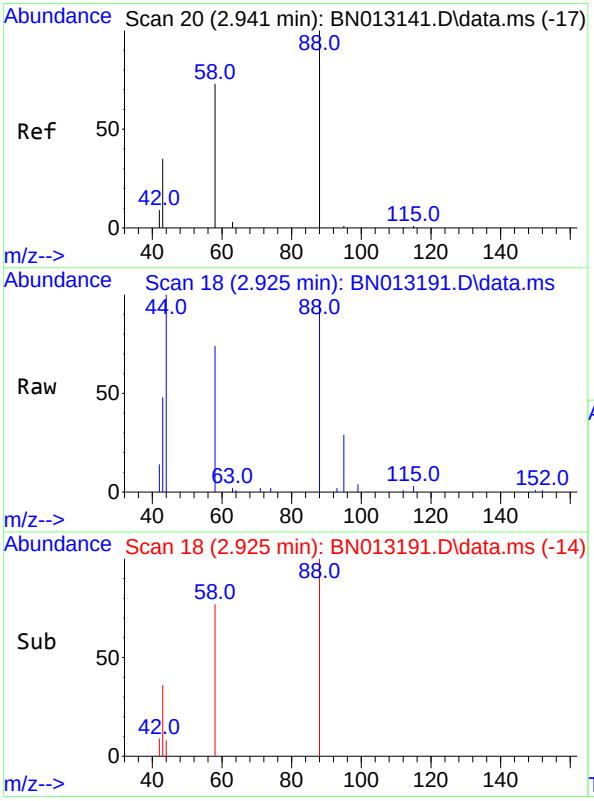

#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. 0.000 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:152 Resp: 657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 146.7 | 116.6 | 174.8 |
| 115 | 77.2 | 52.9 | 79.3 |



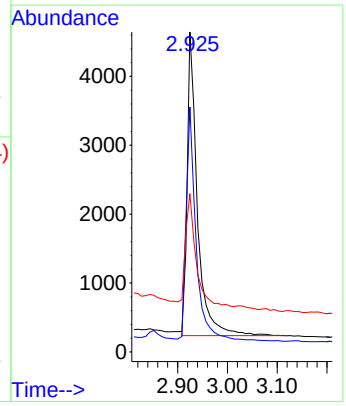

**Instrument :**
BNA_N
**ClientSampleId :**

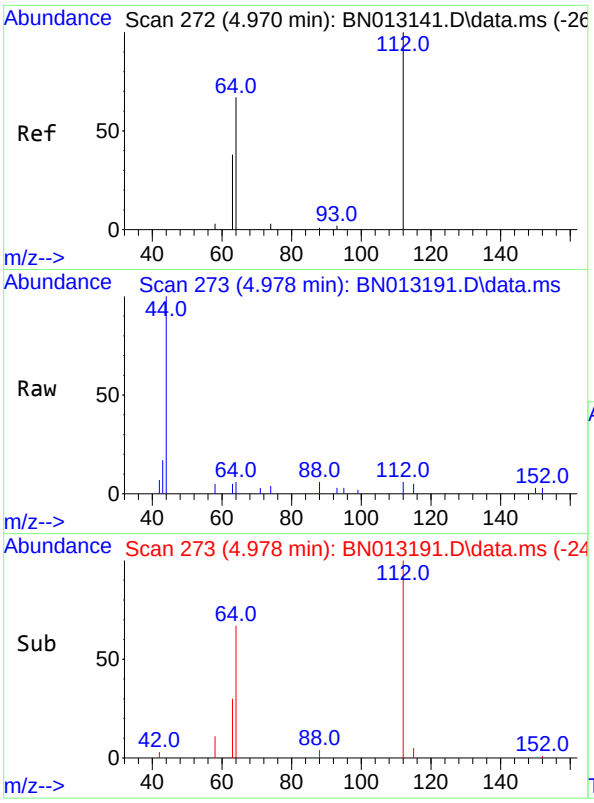



#2
1,4-Dioxane
Concen: 5.45 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion: 88 Resp: 6243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 75.5 | 59.4 | 89.2 |
| 43 | 36.8 | 32.3 | 48.5 |

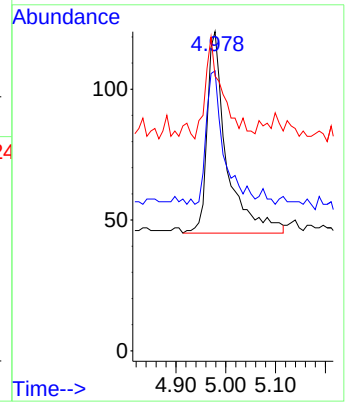




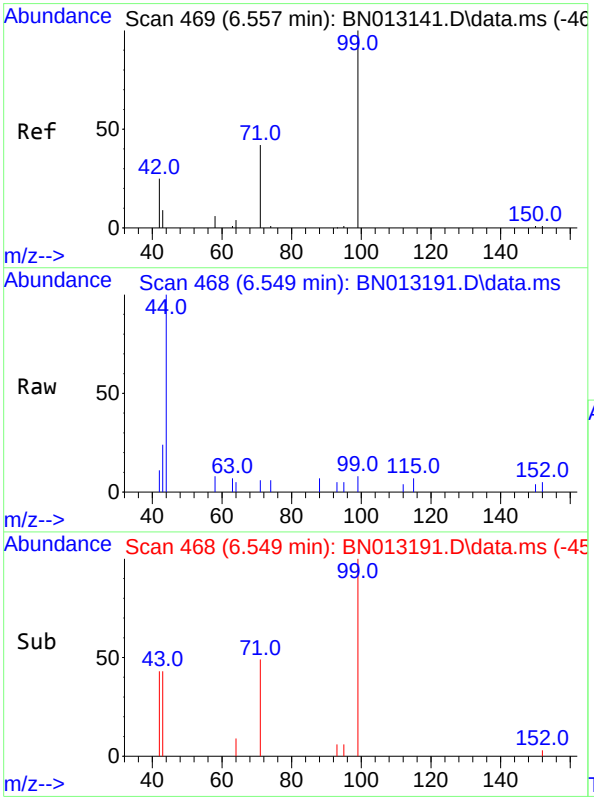

#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:112 Resp: 211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.7 | 49.5 | 74.3 |
| 63 | 44.5 | 32.0 | 48.0 |



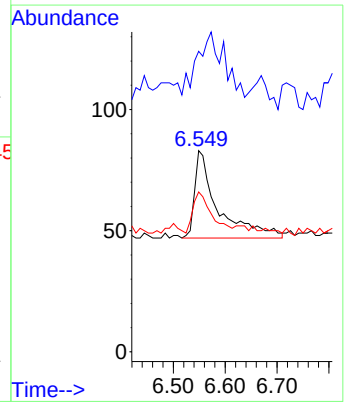

**Instrument :**
BNA_N
**ClientSampleId :**



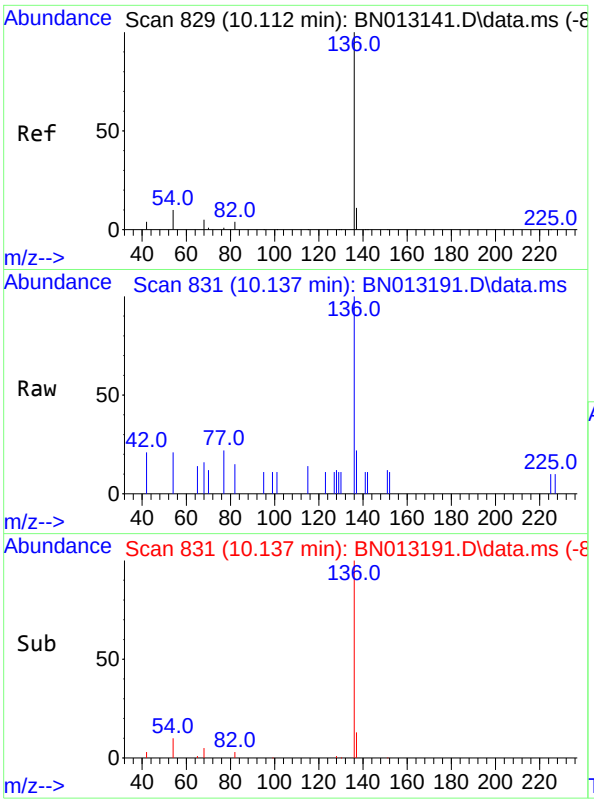

#5
Phenol-d6
Concen: 0.04 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.000 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion: 99 Resp: 113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 22.4 | 33.6# |
| 71 | 37.2 | 37.8 | 56.6# |



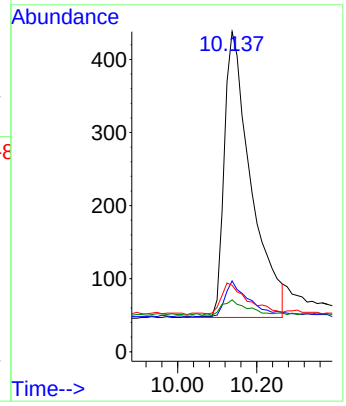
**Instrument :**
BNA_N
**ClientSampleId :**

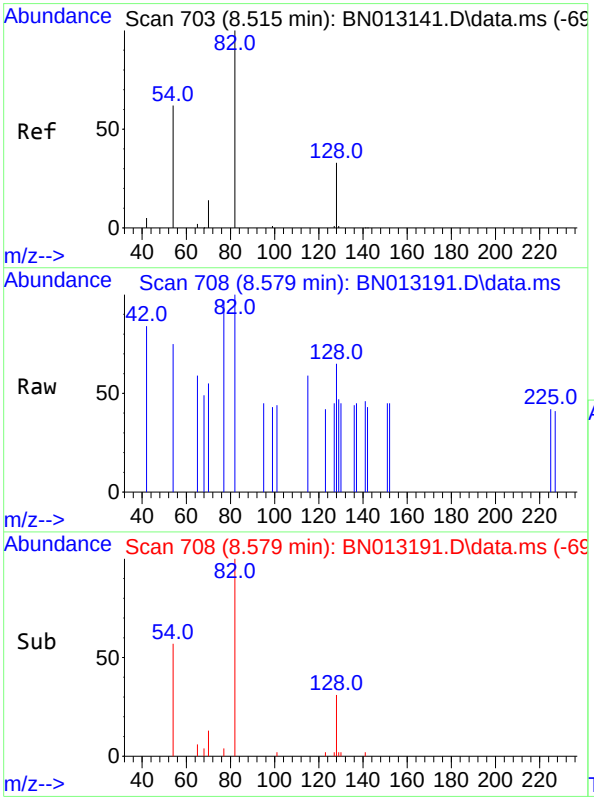



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.026 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:136 Resp: 1822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 22.1 | 10.6 | 15.8# |
| 54 | 20.8 | 8.6 | 12.8# |
| 68 | 16.2 | 5.7 | 8.5# |

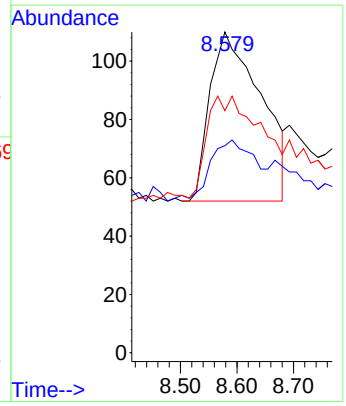


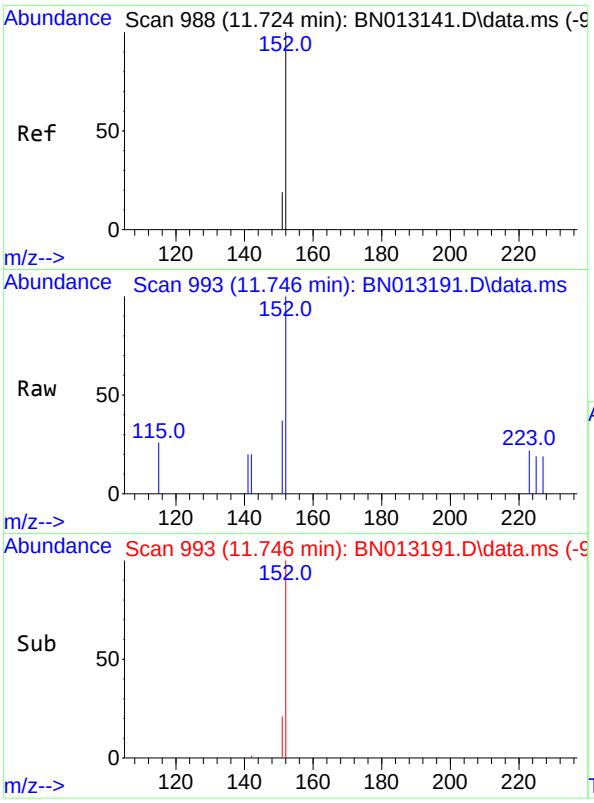

#8
Nitrobenzene-d5
Concen: 0.19 ng
RT: 8.579 min Scan# 708
Delta R.T. 0.064 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion: 82 Resp: 365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 64.5 | 30.6 | 46.0# |
| 54 | 75.5 | 48.3 | 72.5# |



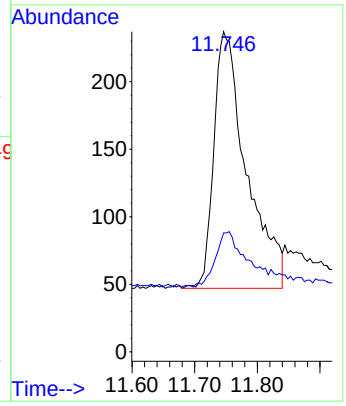
**Instrument :**
BNA_N
**ClientSampleId :**

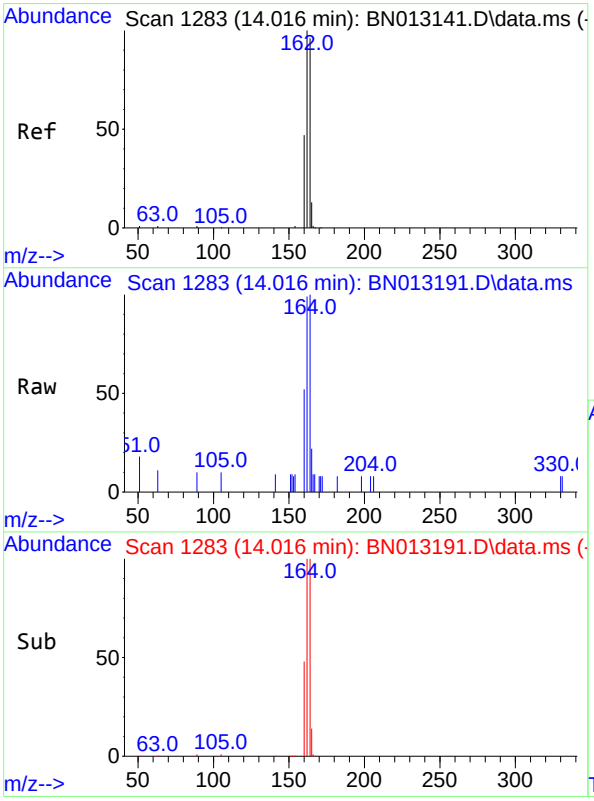



#11
2-Methylnaphthalene-d10
Concen: 0.21 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.018 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:152 Resp: 688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.5 | 16.7 | 25.1 |

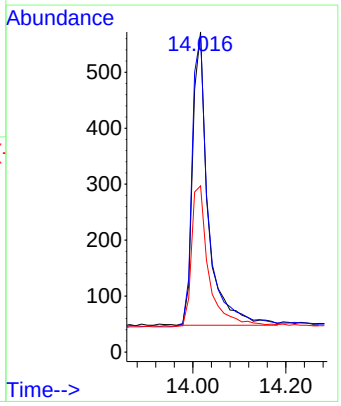


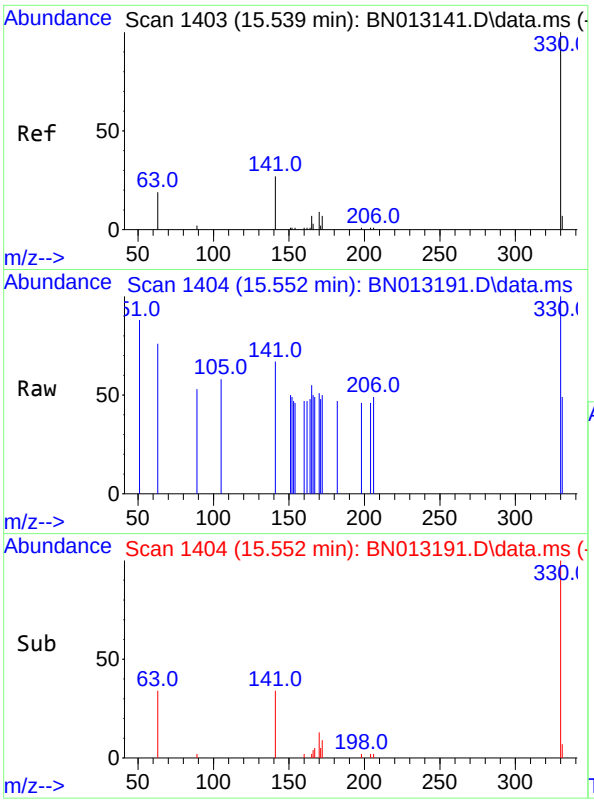




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.013 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:164 Resp: 1206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.0 | 80.6 | 120.8 |
| 160 | 51.9 | 39.5 | 59.3 |

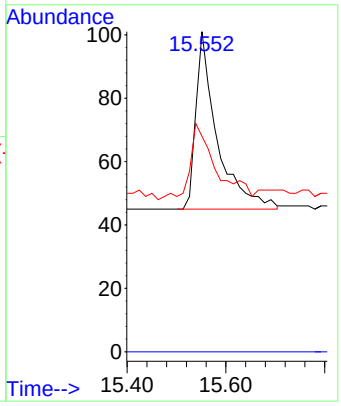




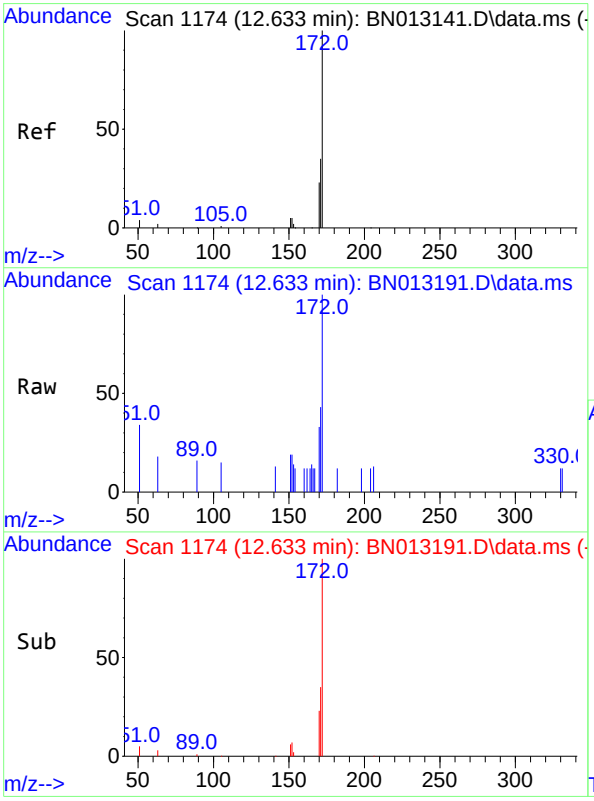

#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:330 Resp: 167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 44.9 | 34.4 | 51.6 |



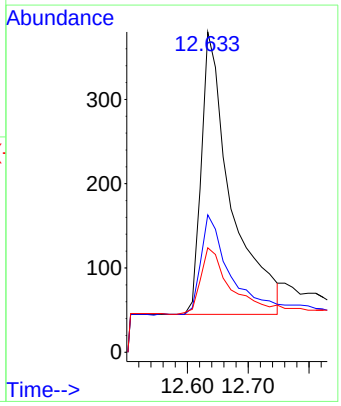

**Instrument :**
BNA_N
**ClientSampleId :**

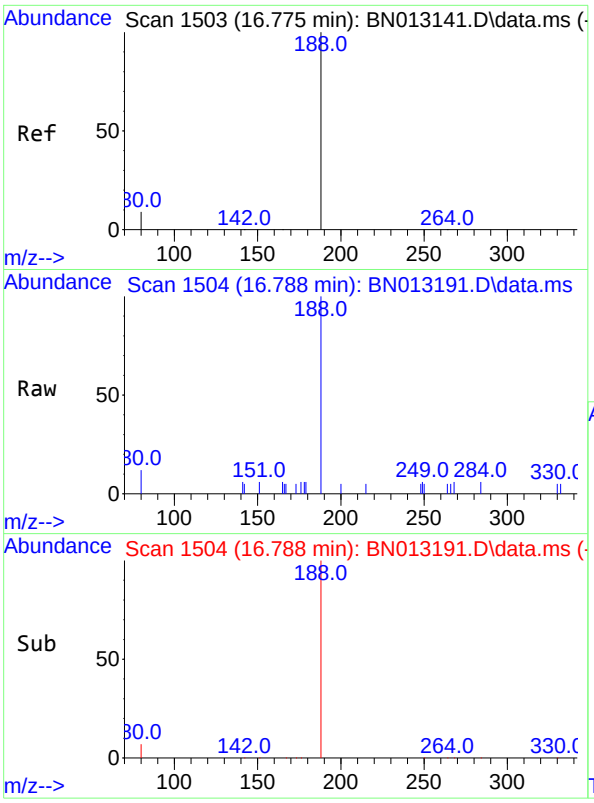



#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:172 Resp: 1133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 42.9 | 28.2 | 42.4# |
| 170 | 32.6 | 20.0 | 30.0# |

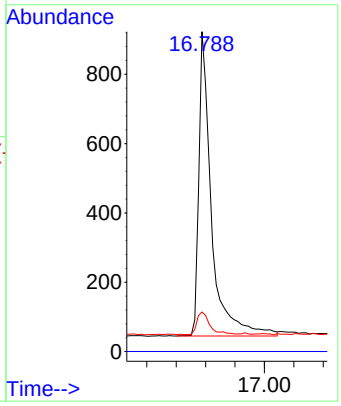




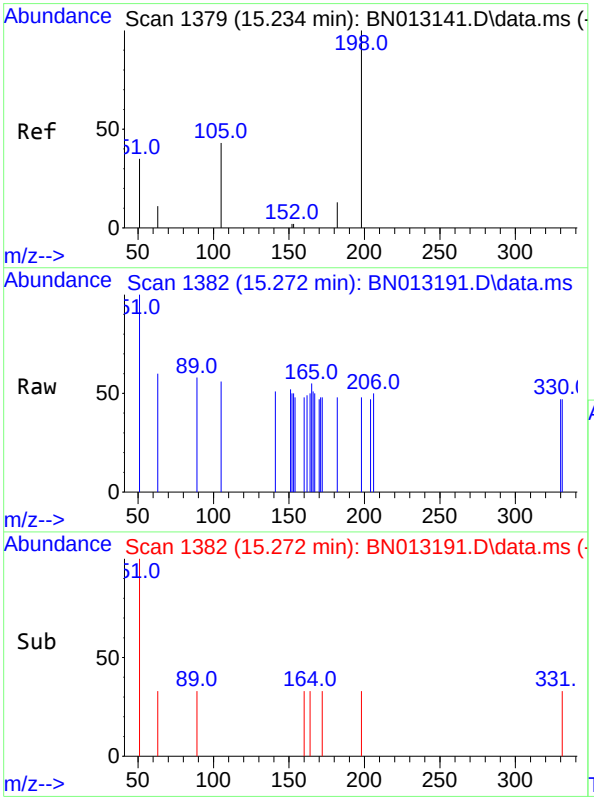

#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:188 Resp: 2632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 12.4 | 5.0 | 7.4# |



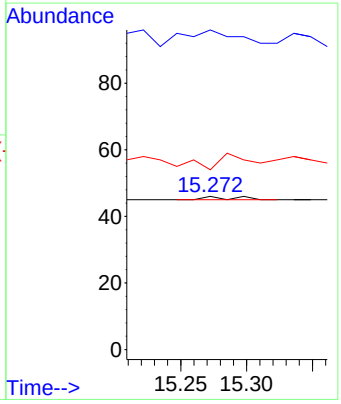

**Instrument :**
BNA_N
**ClientSampleId :**



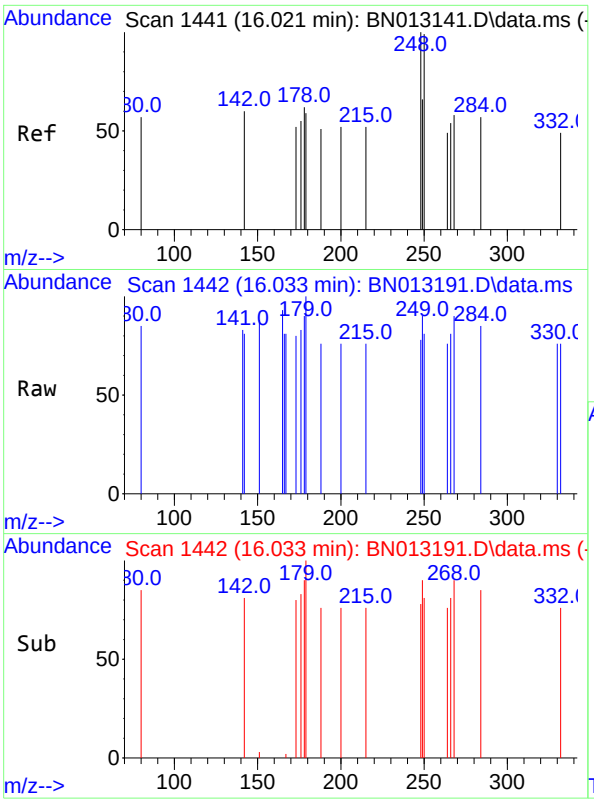

#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.272 min Scan# 1382
Delta R.T. 0.026 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:198 Resp: 2

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 208.7 | 43.5 | 65.3# |
| 105 | 117.4 | 27.2 | 40.8# |



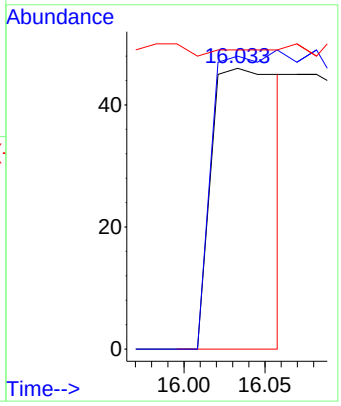
**Instrument :**
BNA_N
**ClientSampleId :**

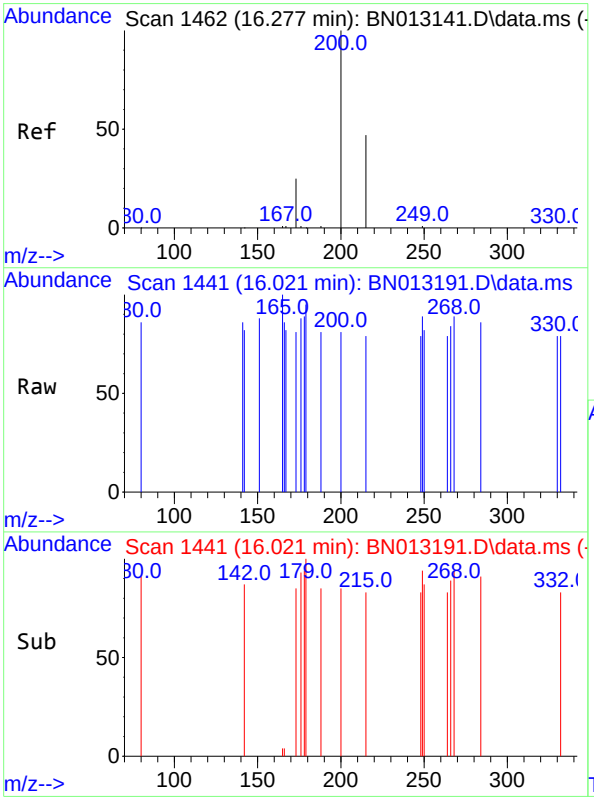



#21
4-Bromophenyl-phenylether
Concen: 0.26 ng
RT: 16.033 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:248 Resp: 134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 104.3 | 77.3 | 115.9 |
| 141 | 106.5 | 57.8 | 86.8# |

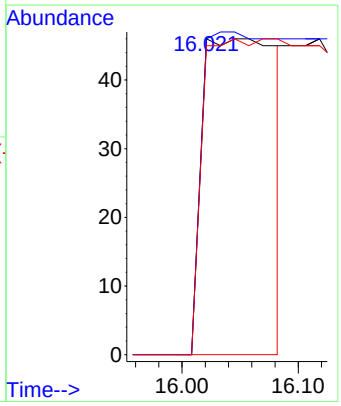


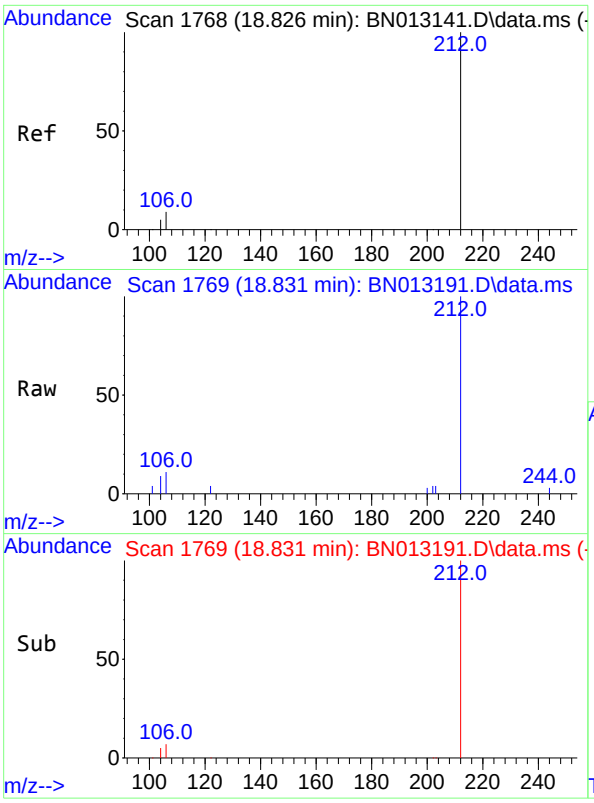




#23
Atrazine
Concen: 0.13 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.255 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:200 Resp: 202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 100.0 | 22.8 | 34.2# |
| 215 | 97.8 | 38.1 | 57.1# |

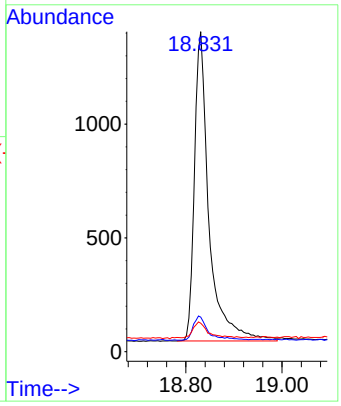




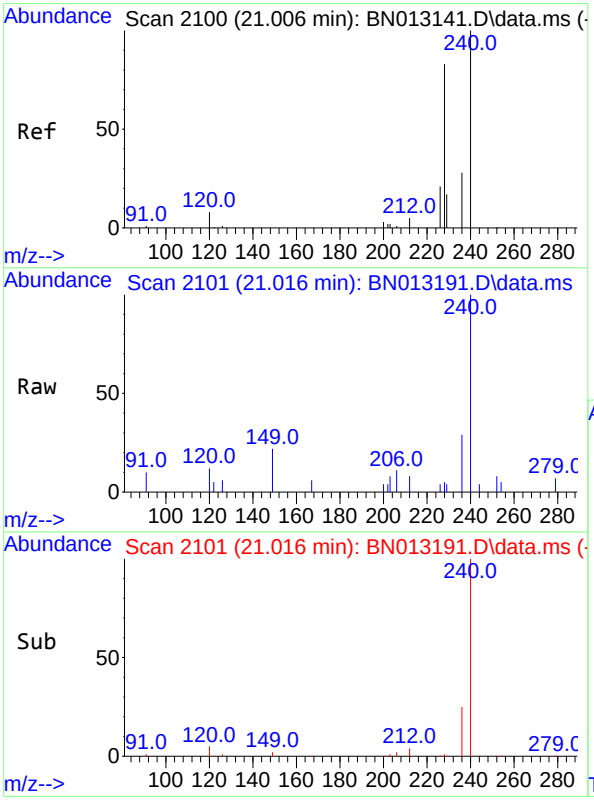

#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:212 Resp: 2870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 7.9 | 6.8 | 10.2 |
| 104 | 4.8 | 4.1 | 6.1 |



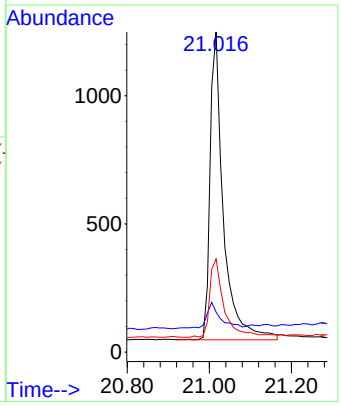

**Instrument :**
BNA_N
**ClientSampleId :**

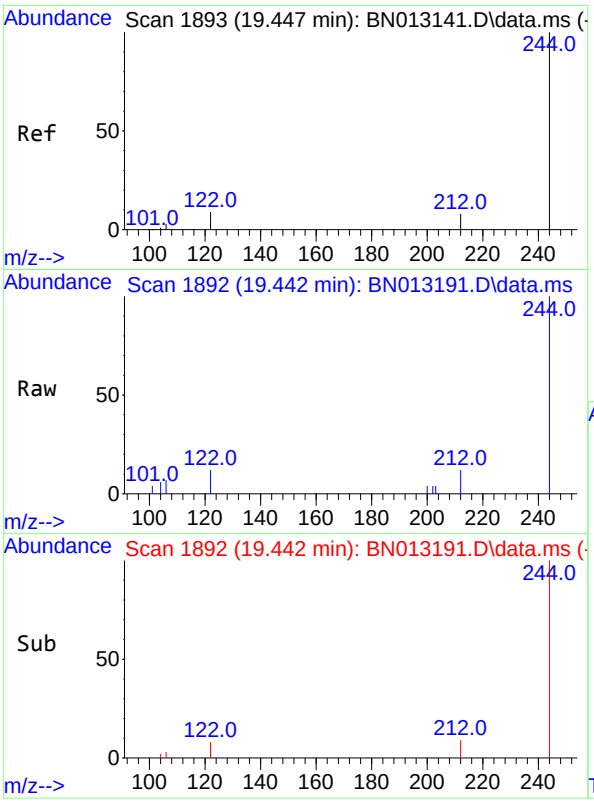



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:240 Resp: 2701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.5 | 5.3 | 7.9# |
| 236 | 29.1 | 21.8 | 32.8 |

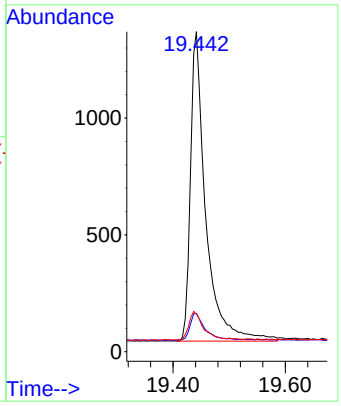




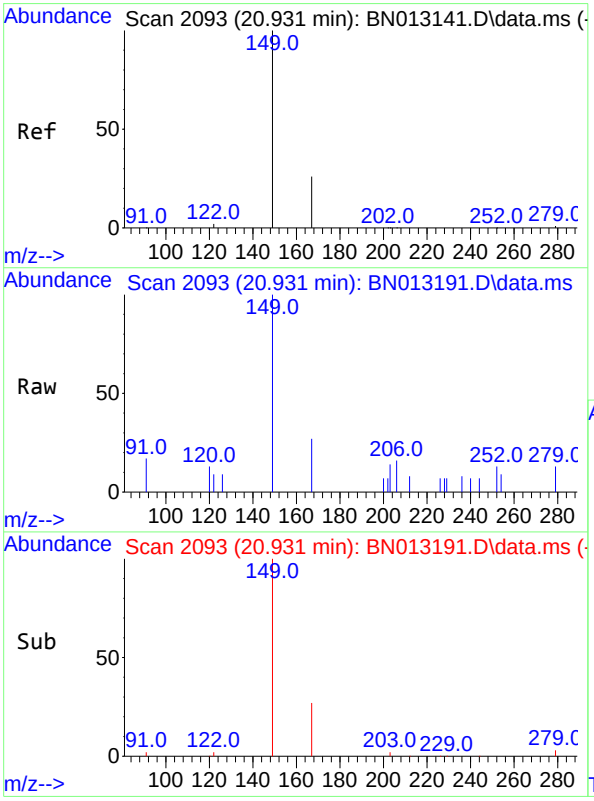

#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.442 min Scan# 1892
Delta R.T. -0.010 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:244 Resp: 2501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 12.0 | 7.3 | 10.9# |
| 122 | 11.8 | 7.3 | 10.9# |



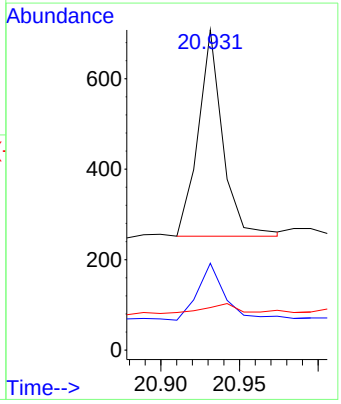

**Instrument :**
BNA_N
**ClientSampleId :**

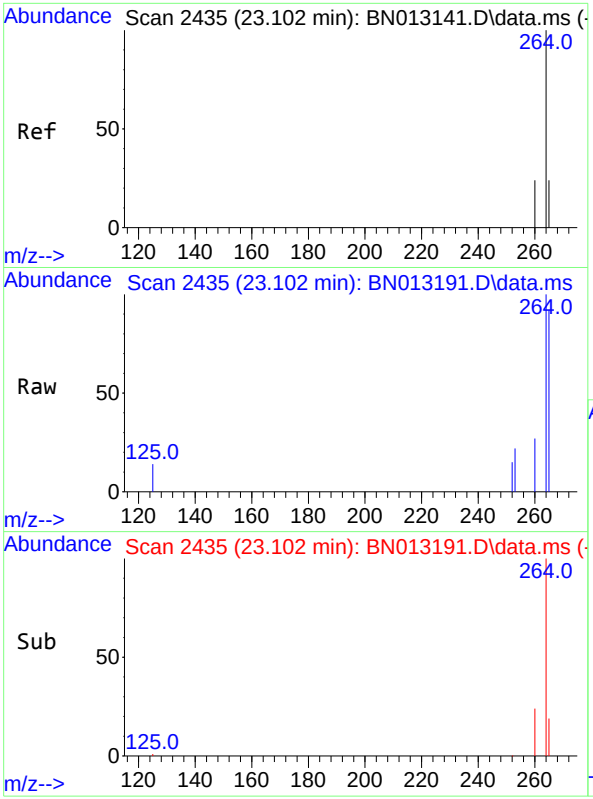



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:149 Resp: 491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.3 | 23.2 | 34.8 |
| 279 | 4.9 | 3.9 | 5.9 |

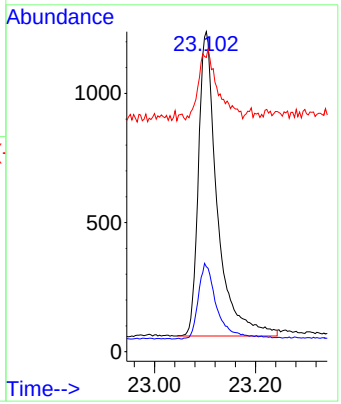





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.102 min Scan# 2435
Delta R.T. 0.004 min
Lab File: BN013191.D
Acq: 17 Dec 2020 18:13

Tgt Ion:264 Resp: 3054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.6 | 19.8 | 29.6 |
| 265 | 91.9 | 51.4 | 77.0# |




**Instrument :**
BNA_N
**ClientSampleId :**